

# NEBRASKA

## WEATHER & CROPS



For Week Ending September, 29 1996

Issue: 29-96

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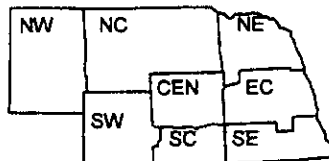
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National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
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### WEATHER

The week was mainly wet and cool across most of the State. Temperatures averaged six to ten degrees below normals for the entire State. Precipitation was widespread with amounts ranging from traces to two and three-fourths inches.

### GENERAL

Harvest of fall crops progressed at a slow pace last week due to wide spread moisture and temperatures well below normal, according to the Nebraska Agricultural Statistics Service. Sunshine and warmer weather conditions are needed to reduce grain moisture level. Fieldwork activities included seed corn and corn silage harvest, wheat seeding, and general harvest preparations.

### CROPS

The all corn condition rated 1% very poor, 2% poor, 9% fair, 57% good, and 31% excellent. Irrigated corn rated 86% good or excellent and dryland corn rated 90% good or excellent. Fields reaching maturity were at 67% compared with 64% last year and 72% average. Corn grain harvest was 3% complete, compared with 2% last year and 12% average.

Soybean condition rated 1% very poor, 1% poor, 11% fair, 57% good, and 30% excellent. Statewide, 95% of the acreage had turned color, compared with 92% last year, and 96% average. Sixty-four percent of the acreage was

### CROPS (Cont.)

dropping leaves by week's end, compared to 69% last year and 80% average. Soybean harvest was 2% complete to date, compared with 5% last year, and 24% average.

Sorghum condition rated 1% very poor, 1% poor, 14% fair, 57% good, and 27% excellent. Fields reaching maturity were at 48%, compared with 47% last year and 58% average. Grain harvest started last week on a limited scale.

Dry beans harvest advanced to 74% as of Sunday. This compares with 62% last year.

Alfalfa condition rated 1% very poor, 7% poor, 32% fair, 47% good, and 13% excellent. Fourth cutting advanced to 37% harvested to date. This compares to 51% last year.

Winter wheat seeding progressed to 56% statewide, compared with 76% last year and 83% average. Emergence of the crop was 36%, compared to 38% last year and 47% average. Wet weather conditions continued to delay seeding of the 1997 crop in southwestern and south central counties. Adequate moisture supplies should help germination once the crop is planted.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 1% very poor, 2% poor, 16% fair, 64% good and 17% excellent. Producers had begun to wean calves in western districts of the State.

FIELD WORK PROGRESS AS OF SEPTEMBER 29, 1996	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Mature	79	42	65	75	68	51	62	83	67	21	64	72
% Corn Harvested	0	2	1	5	3	0	3	4	3	1	2	12
% Soybeans Turning Color	n/a	95	97	100	91	100	99	96	95	79	92	96
% Soybeans Dropping Leaves	n/a	45	58	81	67	66	73	61	64	25	69	80
% Soybeans Harvested	n/a	1	1	4	1	0	3	2	2	n/a	5	24
% Sorghum Mature	n/a	31	50	20	52	17	32	60	48	13	47	58
% Alfalfa Fourth Cutting	25	50	23	40	40	21	33	47	37	20	51	n/a
% Dry Beans Harvested	80	97	50	20	n/a	63	n/a	n/a	74	47	62	n/a
% Wheat Sown	85	86	70	85	45	30	32	58	56	44	76	83
% Wheat Emerged	54	30	25	39	15	11	10	15	36	n/a	38	47
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 27, 1996												
Days suitable	3.6	2.7	4.4	4.7	3.2	2.0	3.3	3.4	3.3	3.1	6.3	
Topsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	4	
(Percent) - Short	4	0	0	6	1	0	0	1	1	3	39	
- Adequate	84	93	82	88	93	46	86	91	85	70	56	
- Surplus	12	7	18	6	6	54	14	8	14	27	1	
Subsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	7	
(Percent) - Short	3	0	4	13	5	2	1	6	4	5	47	
- Adequate	93	97	95	84	91	80	93	87	91	85	46	
- Surplus	4	3	1	3	4	18	6	7	5	10	0	

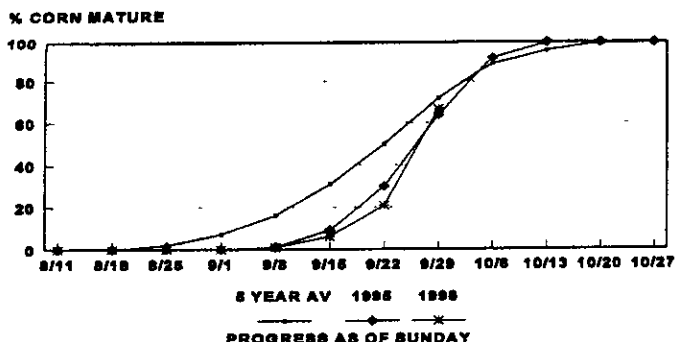
n/a = not available

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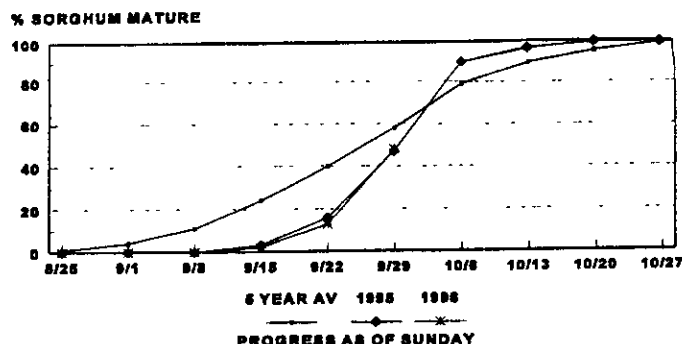
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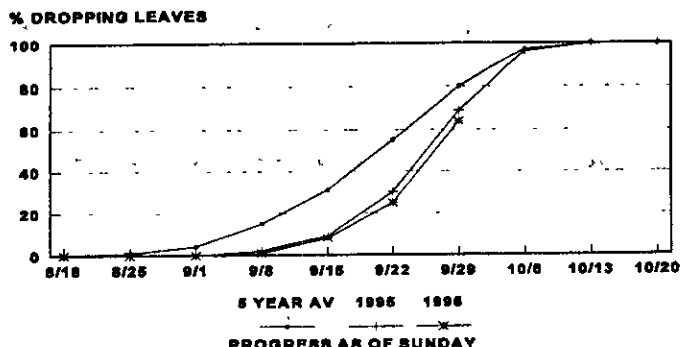
# CORN MATURE



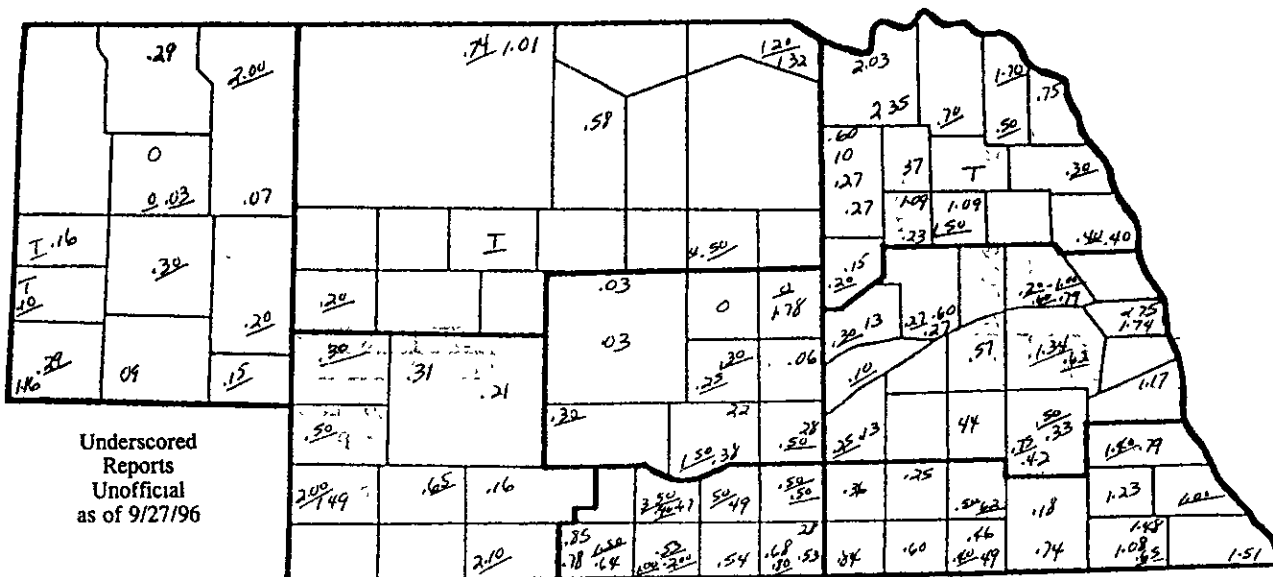
# SORGHUM MATURE



# SOYBEANS DROPPING LEAVES



# PRECIPITATION MAP FOR WEEK ENDING SATURDAY, SEPTEMBER 28, 1996



# PRECIPITATION, APRIL 1 - SEPTEMBER 28, 1996

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	61	.97	69	.35	78	54	.61	77
Total since April 1	15.47	18.49	21.13	22.20	25.83	20.20	28.97	23.45
Normal since April 1	13.11	16.59	18.98	18.44	21.09	15.20	18.55	21.80
Total as % of normal	118%	111%	111%	120%	122%	133%	156%	108%

# TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, SEPTEMBER 28, 1996 GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 29, 1996

GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 27, 1998									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	78	31	51	---	.29	---	---	---
	Scottsbluff	76	29	50	-8	.16	2480	2542	2587
	Sidney	76	30	52	---	.09	2361	2424	2514
NC	Valentine	77	31	48	-10	1.01	---	---	---
	Arthur	---	---	---	---	---	2330	2392	2626
	O'Neill	---	---	---	---	---	2417	2473	2788
NE	Norfolk	71	32	52	-8	1.09	---	---	---
	Sioux City	72	36	52	-8	.75	---	---	---
	Concord	---	---	---	---	---	2451	2500	2914
	Elgin	---	---	---	---	---	2503	2557	2969
	West Point	---	---	---	---	---	2633	2692	2944
CEN	Grand Island	74	35	53	-7	.28	2620	2685	3034
	Ord	74	30	52	---	0	2535	2594	2896
	Kearney	---	---	---	---	---	2678	2745	2986
EC	Lincoln	75	37	55	-7	.33	2895	2962	3318
	Omaha	74	42	56	-6	2.75	---	---	---
	Central City	---	---	---	---	---	2647	2714	3090
	Mead	---	---	---	---	---	2792	2861	3127
SW	Imperial	75	34	53	---	1.49	---	---	---
	North Platte	74	29	51	-7	.21	2511	2578	2774
	McCook	---	---	---	---	---	2724	2802	3028
SC	Holdrege	---	---	---	---	---	2711	2782	3001
	Red Cloud	---	---	---	---	---	2811	2882	3063
SE	Beatrice	---	---	---	---	---	2888	2960	3013
	Clay Center	---	---	---	---	---	2595	2662	3095

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max temp + min. temp divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for the day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.